

Date: Mon, 11 Apr 94 04:30:36 PDT
From: Ham-Digital Mailing List and Newsgroup <ham-digital@ucsd.edu>
Errors-To: Ham-Digital-Errors@UCSD.Edu
Reply-To: Ham-Digital@UCSD.Edu
Precedence: Bulk
Subject: Ham-Digital Digest V94 #109
To: Ham-Digital

Ham-Digital Digest Mon, 11 Apr 94 Volume 94 : Issue 109

Today's Topics:

FCC Packet Message Forwarding
Macintosh Loader for TI DSP Starter Kit available (2 msgs)
NTS...

Send Replies or notes for publication to: <Ham-Digital@UCSD.Edu>
Send subscription requests to: <Ham-Digital-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Digital Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/ham-digital".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 11 Apr 94 08:23:00 GMT
From: news-mail-gateway@ucsd.edu
Subject: FCC Packet Message Forwarding
To: ham-digital@ucsd.edu

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Subject: FCC Packet Message Forwarding

In response to Jay's (KA90KT) (jay@medicine.dmed.iupui.edu) proposal for user
authentication -

>When this ham wants to send any message through my BBS, he would be required
>to place an authentication string at the bottom of the message. This string
>would be calculated based on the person's call sign, his private key, and
>the text of the message.

Donald D. Woelz says -

>Well, the only problem I see is that any station that can monitor
>the packet frequency can obtain the authentication string and then

>forge messages with that callsign.

My feeling is that because with Jay's proposal the text of the message would be one of the items used to generate the authenticator, that authenticator would only hold for that particular message, and so should help overcome the problem of replay of authenticator.

A good system for 'client' authentication already exists in the form of Kerberos from MIT. Perhaps we should see if a variant of Kerberos is appropriate for PBBS user authentication. After all, why re-invent the wheel.

Doug
rickard@qut.edu.au
VK4ZDR@VK4DIT.GOLD.QLD.AUS.OC

Date: 11 Apr 94 08:34:24 GMT
From: news-mail-gateway@ucsd.edu
Subject: Macintosh Loader for TI DSP Starter Kit available
To: ham-digital@ucsd.edu

I have uploaded a loader program for the TI DSK on
info-mac at sumex-aim.stanford.edu.

DSK_Loader 1.0

DSK_Loader is the Macintosh equivalent of the DOS program DSKL. With this program you can communicate with the DSK (DSP Starter Kit) from Texas Instruments. This program bootloads a simple communications kernel and then loads other software using this kernel.

Other options are:

- * Fill DSK memory with a certain value.
- * Dump DSK memory into a textwindow, for further processing.
- * Execute programs on the DSK.
- * Graph output from the DSK.
- * Act as a dumb terminal to the DSK.

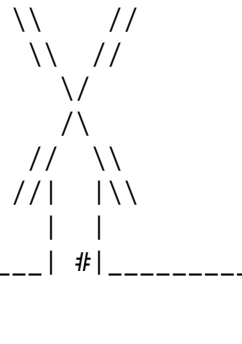
The DSK and thus DSK_Loader is most interesting for people who want to experiment with Digital Signal Processing at low costs. For HAM-Radio operators it is a very interesting piece of equipment, Some applications, like the KC7WW port of the W9GR filters are included.

[Archived as /info-mac/app/dsk-loader-10.hqx; 226K]

Gerrit, PA3BYA.

From: Gerrit Polder
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Email: g.polder@cpro.agro.nl
HAM-Radio: PA3BYA



Date: 11 Apr 1994 10:34:59 GMT
From: ihnp4.ucsd.edu!swrinde!cs.utexas.edu!howland.reston.ans.net!
usenet.ins.cwru.edu!nigel.msen.com!yale.edu!noc.near.net!chaos.dac.neu.edu!
chaos.dac!wylz@network.ucsd.edu
Subject: Macintosh Loader for TI DSP Starter Kit available
To: ham-digital@ucsd.edu

In article <9404110834.AA05977@ganges.cpro.agro.nl.agro.nl> G.POLDER@CPRO.AGRO.NL
writes:

Path: chaos.dac.neu.edu!grapevine.lcs.mit.edu!uhog.mit.edu!sgiblab!swrinde!
ihnp4.ucsd.edu!network.ucsd.edu!news-mail-gateway

From: G.POLDER@CPRO.AGRO.NL
Newsgroups: rec.radio.amateur.digital.misc
Date: 11 Apr 94 08:34:24 GMT
Organization: ucsd usenet gateway
Lines: 42
NNTP-Posting-Host: ucsd.edu
Originator: daemon@ucsd.edu

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Gerrit, PA3BYA.

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HAM-Radio: PA3BYA

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I will also make this program available in the ham radio section on oak.oakland.edu.

I invite all readers to submit non-commercial ham related programs to the oakland site.

The upload directory is: /pub/hamradio/incoming

Thanks, and 73,  
Scott

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=====
| Scott Ehrlich           Amateur Radio: wy1z       AMPRnet: wy1z@wa1phy.ampr.org |
| Internet: wy1z@neu.edu   BITnet: wy1z@NUHUB       AX.25: wy1z@wa1phy.ma.usa.na |
|-----|
|           Maintainer of the Boston Amateur Radio Club hamradio FTP area on   |
|           the World - ftp.std.com pub/hamradio                               |
|
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Date: 11 Apr 94 08:23:00 GMT  
From: news-mail-gateway@ucsd.edu  
Subject: NTS...  
To: ham-digital@ucsd.edu

Subject: NTS...

Packet radio is currently a world wide phenomenon.

NTS is a USA only abberation. In most parts of the world third party traffic is expressly forbidden, except in case of emergency.

PLEASE do not make proposals about changes to the PBBS system for NTS without regard to the impact on the rest of the world.

Doug  
rickard@qut.edu.au  
VK4ZDR@VK4DIT.GOLD.QLD.AUS.OC

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End of Ham-Digital Digest V94 #109

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